

# RE: Portland Harbor and CSTAG

Tomchuk, Doug

Wed 10/28/2015 11:27 AM

To: Ells, Steve <Ells.Steve@epa.gov>; Greenberg, Marc <Greenberg.Marc@epa.gov>; Lambert, Matthew <Lambert.Matthew@epa.gov>; Sturgeon, Randy <Sturgeon.Randy@epa.gov>;

Cc: Gustavson, Karl <Gustavson.Karl@epa.gov>;

Nice, concise summary. Thanks.

doug

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**From:** Ells, Steve

**Sent:** Wednesday, October 28, 2015 10:50 AM

**To:** Greenberg, Marc <Greenberg.Marc@epa.gov>; Lambert, Matthew <Lambert.Matthew@epa.gov>; Sturgeon, Randy <Sturgeon.Randy@epa.gov>; Tomchuk, Doug <Tomchuk.Doug@epa.gov>

**Cc:** Gustavson, Karl <Gustavson.Karl@epa.gov>

**Subject:** FW: Portland Harbor and CSTAG

FYI, this might be useful.

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**From:** Ells, Steve

**Sent:** Wednesday, October 28, 2015 10:41 AM

**To:** Burkhard, Lawrence <[Burkhard.Lawrence@epa.gov](mailto:Burkhard.Lawrence@epa.gov)>

**Subject:** RE: Portland Harbor and CSTAG

Not really, it is a complicated site. Reading the comments from the State and LWG will give you a good idea of what the issues are.

Attached is a background piece that I did for myself that might be useful. Recognize that it is my interpretation of the site.

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**From:** Burkhard, Lawrence

**Sent:** Wednesday, October 28, 2015 9:56 AM

**To:** Ells, Steve <[Ells.Steve@epa.gov](mailto:Ells.Steve@epa.gov)>

**Subject:** RE: Portland Harbor and CSTAG

Steve,

Is there something that you want me to focus on in reading the materials?

Lawrence

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**From:** Ells, Steve

**Sent:** Wednesday, October 28, 2015 8:10 AM

**To:** Tomchuk, Doug; Sturgeon, Randy; Burkhard, Lawrence; Greenberg, Marc; Lambert, Matthew; Gustavson, Karl; Hiltner, Allison; Hahnenberg, James

**Cc:** OSWER OSRTI CSTAG; Hayter, Earl ; Legare, Amy

**Subject:** Portland Harbor and CSTAG

I don't know how many of you were on yesterday's NRRB/CSTAG Pre-Call, but wanted to let you know that Kristine Koch volunteered to answer any questions you might have as you go thru the package (87 pages, with 254 pages of figures, 355 pages of Tables, and 846 maps). The HQ team will be providing some guidance on which tables and figures are the more important ones to review. There were not many questions yesterday. I am also available to help answer any questions you might have so you can have a better understanding of the site and the Region's approach to the FS and remedy selection. (Doug, I got your message about the Site and will give you a call this am).

As you may know, because of the Congressional request that Gina sign the ROD and that HQ provide more involvement at the site, last year Jim Woolford assigned Silvina Fonseca (the lead), Amy Legare, David Charters and me to be part of the Reg. 10/HQ "Team" working on the site. We have had tens of conference calls and several trips to Seattle to work on the site. At the NRRB/CSTAG meeting, however, Amy and I will be wearing our NRRB/CSTAG hats. Because of my close working ties with the Team, however, I plan to be less active than usual in proposing actual recommendations at the meeting. I will, however, offer my interpretations of the site data, evaluations, and consistency with the NCP and guidances.

We could also have our own call to discuss the site and address questions before the meeting in Portland. Karl can assist in this too, as he is part of contractor team (CDM is lead) working on this site for several years.

Steve

Stephen J. Ells

703 603-8822

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Washington DC 20460

*You have brains in your head. You have feet in your shoes. You can steer yourself any direction you choose. Dr. Seuss*

[www.epa.gov/superfund/health/conmedia/sediment/index.htm](http://www.epa.gov/superfund/health/conmedia/sediment/index.htm)

# RE: Portland Harbor and CSTAG

Ells, Steve

Wed 10/28/2015 9:30 AM

To: Greenberg, Marc <Greenberg.Marc@epa.gov>; Tomchuk, Doug <Tomchuk.Doug@epa.gov>; Sturgeon, Randy <Sturgeon.Randy@epa.gov>; Burkhard, Lawrence <Burkhard.Lawrence@epa.gov>; Lambert, Matthew <Lambert.Matthew@epa.gov>; Gustavson, Karl <Gustavson.Karl@epa.gov>; Hiltner, Allison <Hiltner.Allison@epa.gov>; Hahnenberg, James <hahnenberg.james@epa.gov>;

Cc: OSWER OSRTI CSTAG <OLEMOSRTICSTAG@epa.gov>; Hayter, Earl <Earl.J.Hayter@erdc.dren.mil>; Legare, Amy <Legare.Amy@epa.gov>;

They used SWACs thru out, both for individual SDUs and site-wide. Surface is top 30 cm.

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**From:** Greenberg, Marc

**Sent:** Wednesday, October 28, 2015 9:22 AM

**To:** Ells, Steve <Ells.Steve@epa.gov>; Tomchuk, Doug <Tomchuk.Doug@epa.gov>; Sturgeon, Randy <Sturgeon.Randy@epa.gov>; Burkhard, Lawrence <Burkhard.Lawrence@epa.gov>; Lambert, Matthew <Lambert.Matthew@epa.gov>; Gustavson, Karl <Gustavson.Karl@epa.gov>; Hiltner, Allison <Hiltner.Allison@epa.gov>; Hahnenberg, James <hahnenberg.james@epa.gov>

**Cc:** OSWER OSRTI CSTAG <OSWER\_OSRTI\_CSTAG@epa.gov>; Hayter, Earl <Earl.J.Hayter@erdc.dren.mil>; Legare, Amy <Legare.Amy@epa.gov>

**Subject:** RE: Portland Harbor and CSTAG

I found the call to be very general and I'll save my questions for after reading the materials. I did note from the materials yesterday that there was mention of no weighting of the sediment data. I'll be looking to see whether that refers to no apparent depth-weighting (i.e., use of multiple depths like 0-2 cm, 0-6 cm, etc. as "equivalent") or surface-weighted averaging, or both. Something to be thinking about.

I appreciated the introduction provided by the presentation.

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**From:** Ells, Steve

**Sent:** Wednesday, October 28, 2015 9:10 AM

**To:** Tomchuk, Doug <[Tomchuk.Doug@epa.gov](mailto:Tomchuk.Doug@epa.gov)>; Sturgeon, Randy <[Sturgeon.Randy@epa.gov](mailto:Sturgeon.Randy@epa.gov)>; Burkhard, Lawrence <[Burkhard.Lawrence@epa.gov](mailto:Burkhard.Lawrence@epa.gov)>; Greenberg, Marc <[Greenberg.Marc@epa.gov](mailto:Greenberg.Marc@epa.gov)>; Lambert, Matthew <[Lambert.Matthew@epa.gov](mailto:Lambert.Matthew@epa.gov)>; Gustavson, Karl <[Gustavson.Karl@epa.gov](mailto:Gustavson.Karl@epa.gov)>; Hiltner, Allison <[Hiltner.Allison@epa.gov](mailto:Hiltner.Allison@epa.gov)>; Hahnenberg, James <[hahnenberg.james@epa.gov](mailto:hahnenberg.james@epa.gov)>

**Cc:** OSWER OSRTI CSTAG <[OSWER\\_OSRTI\\_CSTAG@epa.gov](mailto:OSWER_OSRTI_CSTAG@epa.gov)>; Hayter, Earl <[Earl.J.Hayter@erdc.dren.mil](mailto:Earl.J.Hayter@erdc.dren.mil)>; Legare, Amy <[Legare.Amy@epa.gov](mailto:Legare.Amy@epa.gov)>

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